

**IN THE CLAIMS**

Please enter the amended claims given below.

Claims 1-42 canceled.

- 1 <sup>43</sup>  
~~78.~~ (new) A method for utilizing flowable devices in a wellbore, the method  
2 comprising:  
3 (a) providing at least one flowable device into a drilling tubular in the  
4 wellbore;  
5 (b) providing a unique address to the at least one flowable device; and  
6 (c) using a drilling fluid in the drilling tubular for flowing said at least one  
7 flowable device to a downhole location and performing a function selected  
8 from (i) providing information to a downhole controller, and, (ii)  
9 retrieving information from a downhole device.  
10

44  
79. (new) The method of claim 78, wherein selecting the at least one flowable device  
comprises selecting the at least one flowable device from a group consisting of:  
(i) a device having a sensor for providing a measure of a parameter of interest; (ii)  
a device having a memory for storing data therein; (iii) a device carrying energy  
that is transmittable to another device; (iv) a solid mass carrying a chemical that  
alters a state when said solid mass encounters a particular property in the  
wellbore; (v) a device carrying a biological mass; (vi) a data recording device;  
(vii) a device that is adapted to take a mechanical action, and (viii) a self-charging  
device due to interaction with the working fluid in the wellbore.

45  
80. (new) The method of claim 78, said function comprises making a measurement of  
a parameter of interest and wherein said selecting the at least one flowable device  
comprises selecting a device that provides a measurement selected from a group  
consisting of: (i) pressure; (ii) temperature; (iii) flow rate; (iv) vibration; (v)  
presence of a particular chemical in the wellbore; (vi) viscosity; (vii) water  
saturation; (viii) composition of a material; (ix) corrosion; (x) velocity; (xi) a  
physical dimension; and (xi) deposition of a particular matter in a fluid.

46  
81. (new) The method of claim 78, wherein selecting the at least one flowable device  
comprises selecting a flowable device that is adapted to carry data that is one of  
(i) prerecorded on the at least one flowable device; (ii) recorded on the at least  
one flowable device downhole; (iii) self recorded by the at least one flowable

5 device; (iv) inferred by a change of a state associated with the at least one  
6 flowable device.

7 <sup>47</sup>  
1 ~~82.~~ (new) The method of claim <sup>43</sup>~~78~~, wherein selecting the at least one flowable device  
2 comprises selecting a device that is one of: (i) resistant to wellbore temperatures;  
3 (ii) resistant to chemicals; (iii) resistant to pressures in wellbores; (iv) vibration  
4 resistant; (v) impact resistant; (vi) resistant to electromagnetic radiation; (vii)  
5 resistant to electrical noise; and (viii) resistant to nuclear fields.

6 <sup>48</sup>  
1 ~~83.~~ (new) The method of claim <sup>43</sup>~~78~~ further comprising recovering said at least one  
2 flowable device.

3 <sup>49</sup>  
1 ~~84.~~ (new) The method of claim <sup>43</sup>~~78~~, wherein the at least one flowable device further  
2 comprises a plurality of flowable devices, each such flowable device adapted to  
3 perform at least one task.

4 <sup>50</sup>  
1 ~~85.~~ (new) The method of claim <sup>49</sup>~~84~~, further comprising providing the plurality of  
2 flowable devices in a manner that is one of: (i) timed release, (ii) time  
3 independent release, (iii) on demand release, and (iv) event initiated release.

4 <sup>51</sup>  
1 ~~86.~~ (new) The method of claim <sup>49</sup>~~84~~ further comprising providing the plurality of  
2 flowable devices at time intervals such that some of said plurality of flowable

3 devices remain in the wellbore at any given time, thereby forming a network of  
4 devices in the wellbore.

5 <sup>52</sup>  
1 ~~87.~~ <sup>51</sup> (new) The method of claim ~~86~~ wherein at least one of the plurality of devices  
2 remaining in the wellbore communicates with at least one other of the plurality of  
3 devices remaining in the wellbore.

4 <sup>53</sup>  
1 ~~88.~~ <sup>43</sup> (new) The method of claim ~~78~~ further comprising implanting a plurality of spaced  
2 apart flowable devices in said wellbore during drilling of said wellbore.  
3